BRUHAT BANGALORE MAHANAGARA PALIKE
Yelahanka Zone, Electrical Division

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule B"

Name of Work:-Supplaying and Laying aerial Bunched cable and TC Services,Connected road to Allalsandra lake Bund Pathway Lights in Yelahanka Ward No 04

Sl.No	Qty	Description Of Work	Unit	Approved Rates	
				In figures	In words
1	150	Filtering of oil in the transformer at the transformer center by hot process using "Stream line filter" such time the dielectric strength of the oil in the transformer conforms to ISI specification [Test certificate to be produced]	Litre	18.00	Rupees Eighteen Only
2	2	Supplying and Testing of OIL for Di-Electric strength (BDV) / Acidity	Per Sample	198.00	Rupees One Hundred Ninety Eight Only
3	50	Supplying and Topping -up of new Transil OIL	Per Litre	162.00	Rupees One Hundred Sixty Two Only
4	2	Fabricating, supplying and erecting swaged tubular pole of height ...Mtr having three sections, and providing two coats of red oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. base plate of suitable size welded at the bottom of the pole(as per IS) and 40mm dia GI / flexible PVC pipe of 1 mtr length fitted to the heavy gauge polycarbonate control box including 5way connector of size 167x125x82mm for 7.5M pole/200x160x98mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB / DP switch, The pole shall be erected in cement concrete work (1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be up to 0.6M above ground level as per IS 2713 - 7. Erection of heavy duty pole on Footpath / median 9Mt (5Mt Hb,165.1mm dia 4.85mm thick x2M Hm, 139.7mm dia 4.50mm thick x 2M Ht,114.3mm dia 3.65mm thick) as per IS 410 SP 32	Nos	13329.00	Rupees Thirteen Thousand Three Hundred Twenty Nine Only
5	2	Supplying and fixing telescopic M.S. bracket fabricated by using 0.5m length 4" dia telescopic M. S. pipe, with 2" dia 1.5m long M. S. bracket and are welded with suitable angle, using 6mm thick M. S. sheet, grip bolts & nuts, as required, suitable for 9 to 12 mtrs. M. S. tubular pole, with necessary two coats of painting, with all other accessories.Single bracket 1.5 Mtr. Length	Mtrs	1287.00	Rupees One Thousand Two Hundred Eighty Seven Only
6	1400	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 25 + 1 X 25 SQ.MM	Per Mtr	135.00	Rupees One Hundred Thirty Five Only
7	1400	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	Per Mtr	9.00	Rupees Nine Only
8	40	2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos	162.00	Rupees One Hundred Sixty Two Only
9	40	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connections	Nos	153.00	Rupees One Hundred Fifty Three Only
10	40	Suspension Clamp Assembly16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	189.00	Rupees One Hundred Eighty Nine Only

11	4	Dead End Clamp/Anchor Clamp Assembly 25 to 95 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	126.00	Rupees One Hundred Twenty Six Only
12	40	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	90.00	Rupees Ninety Only
13	40	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos	108.00	Rupees One Hundred Eight Only
14	39	Installation of Insulation piercing connector for main to street lightMain : 16-95sqmm, Tap : 1.5-10sqmm(EP95)	Nos	54.00	Rupees Fifty Four Only
15	4	Fixing of Universal Hook/Dead end clamp	Nos	108.00	Rupees One Hundred Eight Only
16	3	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) FOUR POLE 200Amps 35kA.	Nos	14589.00	Rupees Fourteen Thousand Five Hundred Eighty Nine Only
17	30000	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size cdlamps with necessary cable entry pipe with gland and box should be finished with 2 cdoats of red oxide primer paint and finally finished with approved colour enameled metal pain etc., complete. b)16 swg	Sqcm	0.27	Rupees And Paise Twenty Seven Only
18	1	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps	Nos	9009.00	Rupees Nine Thousand Nine Only
19	1	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.	Nos	4005.00	Rupees Four Thousand Five Only
20	1	Supplay and erection of Single phase Thyristor based smart street light control system consisting of following aquipments 1. Precise turn ON & OFF of street lights on pre programmed data 2. 2 x 16 character LCD display unit to display date, status ON Or OFF , turn ON & OFF time, 3. Keypad to set/edit ON & OFF time as per the end user 4. Microcontroller with Real Time Clock and associated hardware 5. 1 No, SCR 162 amps thyristor module for load switching mounted on an extruded alluminium heat sink 6. Thyristor Driver Card: Driver control circuit to switch ON & OFF the Thyristor module 7. Firmware: Firmware to control the hardware and display the required data 8. Power Supply: AC to DC conversion circuit required for the electronic circuitry and driver control card 9. Enclosure is made out of 18 swg CRCA ms sheet of size H480xW310XD200mm with luvers for Heat dissipation IP65 weather proof metal enclosure 10. Wiring & other components like wiring, connectors ,insulators, Alluminium Bus bar and 2 nos of 125 amps single pole MCB for main power Supply control and Manual On & off operation & etc complete.	Nos	31419.00	Rupees Thirty One Thousand Four Hundred Nineteen Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

For MAMATHA ELECTRICALS

P. M. Nanja Gowda

Contractor Proprietor

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone